

FIG. 1

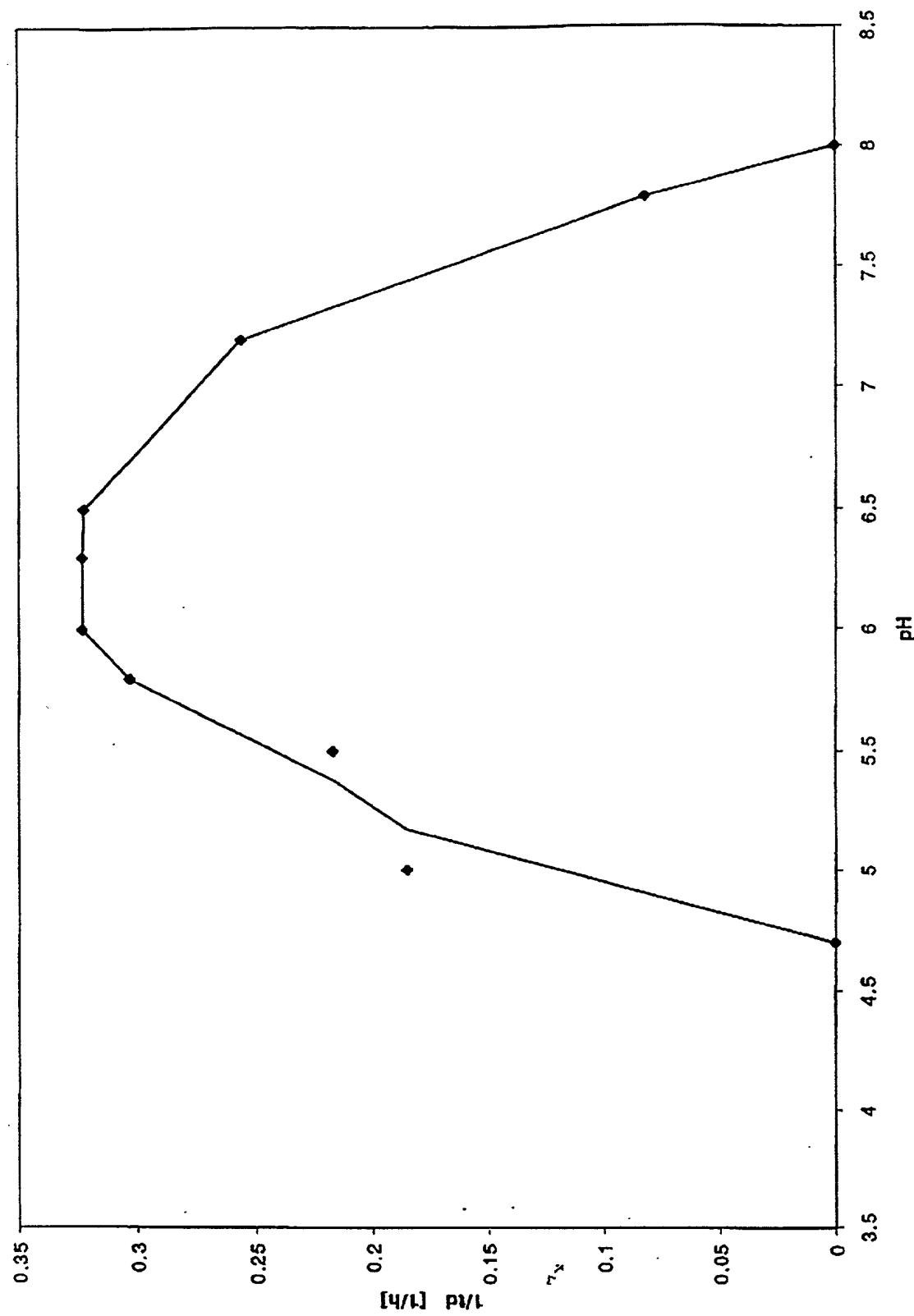


FIG. 2

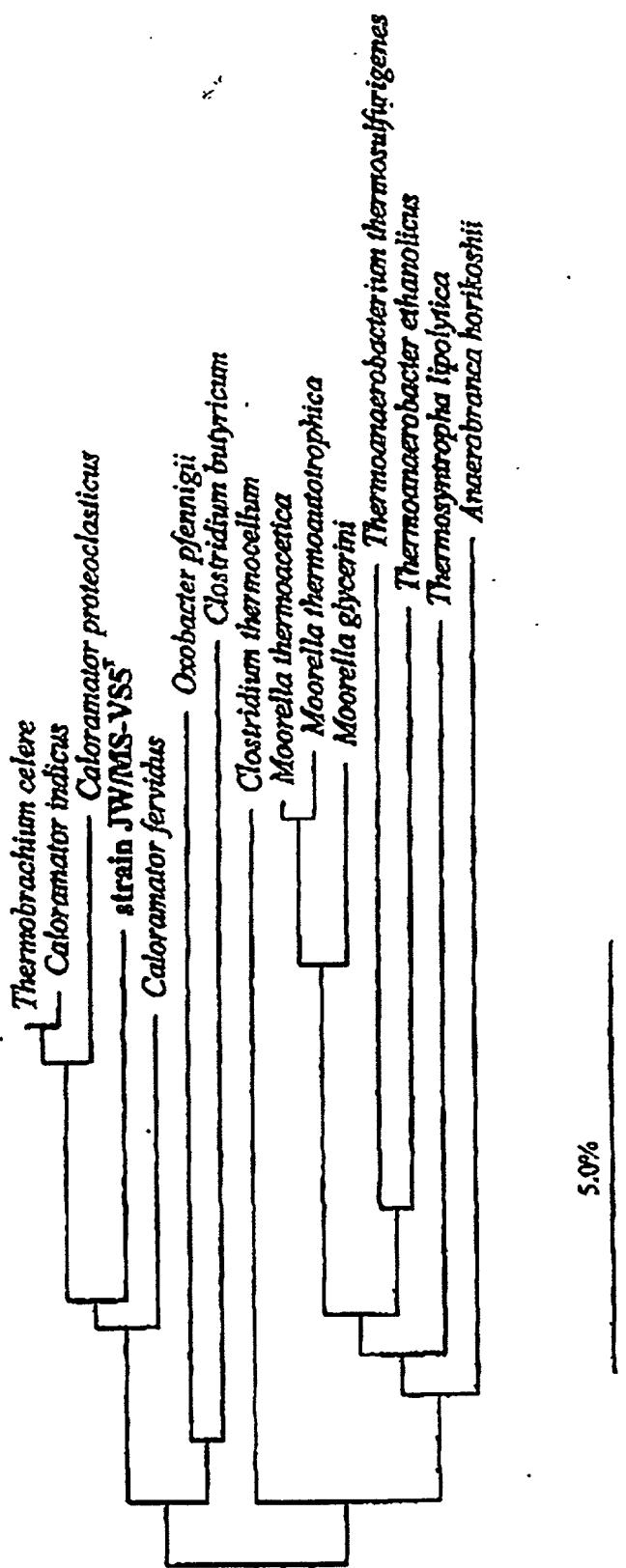


FIG. 3

**Time course assay of conversion of glycerol to 3-HPA by
anaerobically toluenized VS/5 cells @ 60deg. under anaerobic
conditions**

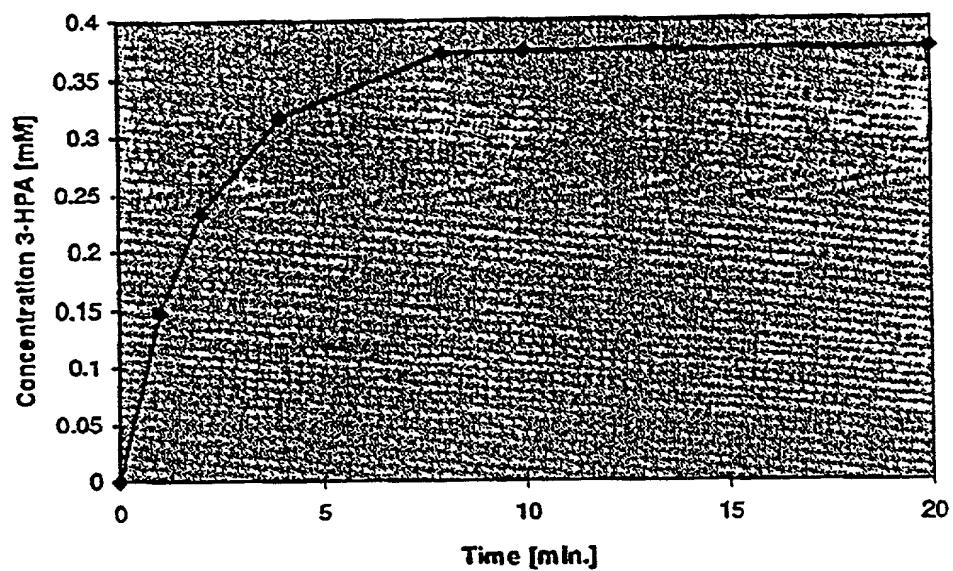


FIG. 4

Conversion of 1,2-propanediol to propionaldehyde by anaerobically
toluenized VS/5 cells @ 60 deg., anaerobic conditions

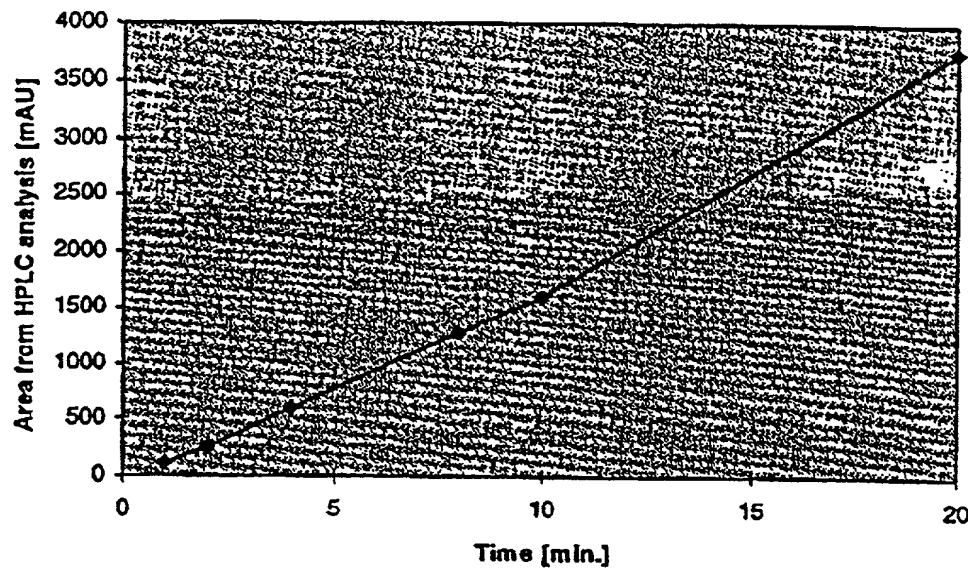


FIG. 5